

GangadharGowdJogi

Week1- Array Indices

Sample Execution Screenshot

Valid Inputs:

The screenshot shows the Visual Studio IDE with the file `As1_Indices.cpp` open. The code is a C++ program that prompts the user for the number of elements in an array (between 2 and 104), then for two integers that add up to a target sum (between -109 and 109). The program successfully executes, and the output window shows the following messages:

```
Enter the number of elements/length of the array (between 2 and 104): 3
Enter 3 integers.
2
4
Enter the target sum (between -109 and 109): 6
Indices of the two numbers that add up to the 6: [1, 2]

D:\Assignments\gangadar\advan alg\Programs\Week1_Assignment\x64\Debug\Week1_Assignment.exe (process 7212) exited with code 0.
To automatically close the console when debugging stops, enable Tools->Options->Debugging->Automatically close the console when debugging stops.
Press any key to close this window . . .
```

The Output window at the bottom shows the program's execution details, including the thread ID and the program's exit code.

The screenshot shows the Visual Studio IDE with the file `As1_Indices.cpp` open. The code is the same as in the previous screenshot. The program is executed, but the user enters invalid inputs. The output window shows the following messages:

```
Enter the number of elements/length of the array (between 2 and 104): 105
Invalid input. Enter a number between 2 and 104: 1
Invalid input. Enter a number between 2 and 104: 011
Enter 11 integers.
1
2
3
4
5
6
7
8
9
10
11
Enter the target sum (between -109 and 109): 110
Invalid input. Enter a number between -109 and 109: 10
Indices of the two numbers that add up to the 10: [3, 5]

D:\Assignments\gangadar\advan alg\Programs\Week1_Assignment\x64\Debug\Week1_Assignment.exe (process 21648) exited with code 0.
To automatically close the console when debugging stops, enable Tools->Options->Debugging->Automatically close the console when debugging stops.
Press any key to close this window . . .
```

The Output window at the bottom shows the program's execution details, including the thread ID and the program's exit code.

```
File Edit View Git Project Build Debug Test Analyze Tools Extensions Window Help Week1_Assignment
- Local Windows Debugger - x64
As1_In Microsoft Visual Studio Debu x +
Enter the number of elements/length of the array (between 2 and 104): 5
Enter 5 integers.
110
Invalid input. Enter an integer between -109 and 109: -110
Invalid input. Enter an integer between -109 and 109: 109
-109
3
5
6
Enter the target sum (between -109 and 109): 5
No two numbers in the given array that add up to 5.

D:\Assignments\gangadar\advan alg\Programs\Week1_Assignment\x64\Debug\Week1_Assignment.exe (process 21132) exited with c
ode 0.
To automatically close the console when debugging stops, enable Tools->Options->Debugging->Automatically close the conso
le when debugging stops.
Press any key to close this window . . .|

100 %
Output
Show c
The t
'Week1_Assignment.exe' (Win32): loaded 'C:\Windows\System32\kernel.appcore.dll'.
'Week1_Assignment.exe' (Win32): loaded 'C:\Windows\System32\msvcrt.dll'.
The thread 28264 has exited with code 0 (0x0).
The thread 31464 has exited with code 0 (0x0).
The program '[21132] Week1_Assignment.exe' has exited with code 0 (0x0).
```